

## Product datasheet for **SC105425**

### AMOTL2 (AB023206) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AMOTL2 (AB023206) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMOTL2
Synonyms:	LCCP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AB023206, the custom clone sequence may differ by one or more nucleotides

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CTCACATTCTGGCATAGCAGCCGCTCCGGCGCGGGCCGACCCTGGGGCTGCGCGCTGGGGCGCGAACA  
GCCAGAGCGTCGGCGCCACGGCCGAGAACACATCTTCGCCCGAGCTGAGCTGGGCCGAGCCGGAGGTT  
GTGGTCTGACTGCGCTGGGCACCCTCGGGCCGAGCGGTGCTCTGGGGCCAGGTGCCACCGGCCATTGTC  
CAGGCAGTGTGTGCAAGCAAAGAAGCATGAGGACACTGGAAGACTCCTCGGGGACAGTCTGCACCCG  
CTCATCCAGGAGCAGCTGCGCTACGGCAACCTGACTGAGACGCGCAGCTGCTAGCCATCCAGCAGCAGG  
CCCTGAGGGGTGGGGCTGGAAGTGGGGTACAGGGAGCCCCAGGCTCCCTGGAGATCTGGCCCCAGA  
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CACCTGGCAGAGAACACCTCTACCGGCTATGCCACAGCCAGCAAGGGAGAGGAGCTGCCACCTATG  
AGGAGGCCAAAGCCCACTCGCAGTACTATGCGGCCAGCAGGCAGGGACCCGGCCACATGCGGGGACCG  
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AGGCCAGGTGCCTCCTGTTCCTCAACAGCAGCAGCATACCAGTACCTGCAGCAATCTCAGGAGCA  
CCCCCTCCCCACATCCAGCTGCTCTCGGCCATGGCCCCCTGAGCTCCCTCAGTCCACCTGCTGTGGAG  
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GGCCAGGCCGGCAGTCAGGACATGGTGGCCAAGCTGCTTGTCTCAGAGCTACGAACAGCAGCAGGAGCAA  
GAGAAGCTGGAGCGAGAGATGGCACTGCTGCGCGGCCATCGAGGACCAGCGGGCGCTGCCGAGCTGC
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TGGAGCAGGCTCTGGGCAATGCGCAGGGCCGGGCAGCTCGAGCCGAAGAGGAGCTGCGCAAGAAGCAGGC  
 CTATGTGGAGAAAAGTGGAGCGGCTGCAGCAGGCCTCGGGCAGCTGCAGGCAGCCTGTGAGAAGCGGGAG  
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 TACAAAGCAAAAAGAAAAAGAGGAAAAAAGGCAAAAAATATTGTGAAAGAAAAAACAATTAATAT  
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 TGATGTGTGCTGTATGTTTAAAGTATCGTAAATATTTAAATGTAACATGGCTGTTTTGTTATGCCAC  
 CCTGTACCAGGATTGCTGCCGATTCCACTGGGTATAACAGTATTTTAAATTAATAAATAAATTAAGG  
 TG

**5' Read Nucleotide Sequence:**

>OriGene 5' read for AB023206 unedited  
 GACACCTCATTTGTATACGACTTACTATAGGCGGCCGCGNAATTCGCACGAGGTAGCAGC  
 CGCCTCCGGCGCGGGCCGACCCTGGGGCTGCGCGCTGGGGCGGAACAGCCAGAGCGTGC  
 GCGCCACGGCCGAGAACACATCTTCGCCCGGAGCTGAGCTGGGCCGAGCCGGAGTTGT  
 GGTCTGACTGCGCTGGGCACCCTCGGGCCGAGCGGTGCTCTGGGGCCAGGTGCCACCGG  
 CCATTGTCCAGGCAGCTGTGTGCAAGCCAAAGAAGCATGAGGACACTGGAAGACTCCTCG  
 GGGACAGTCTGCACCCGCTCATCCAGGAGCAGCTGCGCTACGGCAACCTGACTGAGACG  
 CGCAGCTGCTAGCCATCCAGCAGCAGGCCCTGAGGGGTGGGGCTGGAACCTGGGGGTACA  
 GGGAGCCCCCAGGCCTCCCTGGAGATCCTGGCCCCAGAGGACAGTCAGGTGCTGCAGCAG  
 GCCACCAGGCAGGAGCCCCAGGGCCAGGAGCACCAGGGCGGTGAGAACCACCTGGCAGAG  
 AACACCCTCTACCGGCTATGCCACAGCCAGCAAGGGAGAGGAGCTGCCACCTATGAG  
 GAGGCCAAAGCCCACTCGCAGTACTATGCGGCCAGCAGGCAGGGACCCGGCCACATGCG  
 GNGGACCGAGATCCCCGTGGGGCCCGGAGGCAGTCGGAGGCAGGACGAGGCCCTGCGGG  
 AGCTGAGGCATGGGCACGTGCGCTCGTTGAGTGAACGGCTCCTTCAGTTGTCCCTGGAGA  
 GGAACCGCGCCCGGGCCCCAGCCACATGAAAGCTCTCCACAGCTTNCCACAGCTGGCCC  
 GCAACCAGCAGGGCCCCCACTGGAGGGCCCCCTGCTGAGGGCCAGATCCCGAGAAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for AB023206 unedited  
 TTTATGTACCGTCGGCCGATTCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTGC  
 TTTGTAACAATGCACATGAACCAAATGTATTTTTTCAGCTTTAAACAGGGTAGGGGAAT  
 TTTTTAAAAAATTGCAATTGTCCAGCAAATGCAAATGTTAAAAAGGAAACTTGAGGA  
 ACCATGGAAATAAAACAACATACAAACCTAAAAACGATAAAGGAAGAAAAACAAGAA  
 TCAAGGAGAACTAAAAACGGTAAAGACAAAAGTCTAAAACCCACCAATAGCTCCTGGGG  
 CTGAAGTGAGGGACTCTTTAAGACCAGAAGTCAAAGTCACTGCTGCTAGCAGGCTGCCAT  
 GTGGGTGTTTTACCCCAATTCAAAGCATCTGGTCTGCTTTAGGGCGCTGGGCATGGGT  
 AGCTTGAGGAGCCAGCCTCCTGGGCACTGTTTTGTGATGGGGCTCCATTCAGAGGACTA  
 TTTGACTTTGTAGTCACTAATACTAGTTTTCACTGCTTTGCTCCTCTCCAAACCTCC  
 AGGTGGGAATGAAGACACTTATGCTAACAAGACATCTCCAGTTTCTCAGAGAGAAGTGGT  
 ACCGGGTAGGGCCACCGAAGCCCCACCTGGGGCATGGCAGATGTCTGTTACGGTGGCTC  
 ATTTCTCTGGCTCAGGNTTATGACCAAAGTACAGGATGTTCCAGGACAGGAGCTGT  
 GGAGCCACTTCAAGAGGCTGGTGGTGGGGGTCCCGTGGGCATTTATAGGGCTCAAGATA  
 GAGGAAAAGCAGCCGAGATCCTGGNAATCGAGCAGCTTTAACATCCACGGCCAGGAACT  
 TTGAGAGGNAGCATAACTGGGGAGCCAGTCAGAAGTTTCAGAAGTACAGTAGGAAGAAG  
 GGAGCACAGCCATGGAGACACATCGAACCTGCAGCCTCAGTCTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

AB023206

**Insert Size:**

4700 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:**

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [AB023206.1](#), [BAA76833.2](#)

**RefSeq Size:** 4412 bp

**RefSeq ORF:** 2343 bp

**Locus ID:** 51421

**Cytogenetics:** 3q22.2

**Gene Summary:** Angiotenin is a protein that binds angiotenin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiotenin mediates angiotenin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiotenin and is a member of the motin protein family. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]